

Please add Claims 41 - 46 as follows.

A² 41. The apparatus of Claim 6, wherein the radioactive dose means is incorporated into a liquid for delivery.

42. The apparatus of Claim 10, wherein the radioactive dose means is incorporated into a liquid for delivery.

43. The apparatus of Claim 34, wherein the radioactive dose means is incorporated into a liquid for delivery.

44. Apparatus for post-treatment of a stenosed region of an artery that has been reduced by angioplasty or other procedure comprising:
a radioactive dose means for emitting radiation;
a sheath for delivering the radioactive dose means to and removing the radioactive dose means from the stenosed region of an artery that has been reduced by angioplasty or other procedure; and
means for moving the sheath and the radioactive dose means with respect to one another to move the radioactive dose means from a non-deployed and shielded position to a deployed and unshielded position for a period of time sufficient to reduce restenosis of the stenosed region.

45. The apparatus of Claim 44, wherein the radioactive dose means is incorporated into a liquid for delivery.

46. The apparatus of Claim 44, wherein the radiation source provides a radiation dose to the stenosed region through a window in the catheter.